



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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GAIL FARBER, Director

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

December 04, 2012

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

Dear Supervisors:

ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

40 December 4, 2012

Sachi A. Hamai
SACHI A. HAMAI
EXECUTIVE OFFICER

**CHANGES IN WORK FOR
VARIOUS PUBLIC WORKS CONSTRUCTION CONTRACTS
IN THE ANGELES NATIONAL FOREST; IN THE CITIES OF BELL GARDENS,
COMMERCE, INDUSTRY, PASADENA, SAN MARINO, SIERRA MADRE, SOLEDAD,
AND SOUTH GATE; AND IN THE UNINCORPORATED COMMUNITIES OF
ACTON, AVOCADO HEIGHTS, EAST LOS ANGELES,
EAST PASADENA, AND WEST ARCADIA
(SUPERVISORIAL DISTRICTS 1 AND 5)
(3 VOTES)**

SUBJECT

This action is to approve changes in work and the increased contract amounts for various public works construction contracts in the Angeles National Forest; in the Cities of Bell Gardens, Commerce, Industry, Pasadena, San Marino, Sierra Madre, Soledad, and South Gate; and in the unincorporated communities of Acton, Avocado Heights, East Los Angeles, East Pasadena, and West Arcadia.

IT IS RECOMMENDED THAT THE BOARD:

Find that the requested changes in work will have no significant effect on the environment and approve the changes and increased contract amounts for the following construction contracts:

- Project ID No. RDC0014409 – Sierra Highway, related to reconstruction and widening of roadway pavement, in the unincorporated community of Acton, for replacement and extension of guardrail, with an increase in the contract amount of \$12,500, performed by Granite Construction Company;
- Project ID No. RDC0014924 – Guardrail Replacement Project, et al. Phase 2, related to

replacement of metal beam guardrails, in the Angeles National Forest and in the unincorporated community of Soledad, for variations in bid quantities, pot holing, drilling through unforeseen bedrock, and replacement of guardrail end treatment, with an increase in the contract amount of \$13,112.50, performed by APW Construction, Inc., dba Ace Fence Company;

- Project ID No. SLT0000004 – Workman Mill Road, related to installation of electrical conduits, in the City of Industry and in the unincorporated community of Avocado Heights, for removal and replacement of trench backfill and excavation by open trench, with an increase in the contract amount of \$39,000, performed by JFL Electric, Inc.;
- Project ID No. TSM0010049 – San Gabriel Boulevard/Sierra Madre Boulevard, et al., related to modification and synchronization of traffic signals, in the Cities of Pasadena, San Marino, and Sierra Madre and in the unincorporated communities of East Pasadena and West Arcadia, for construction of left-turn phasing, with an increase in the contract amount of \$66,000, performed by California Professional Engineering, Inc.; and
- Project ID No. TSM0010075 – Garfield Avenue-Olympic Boulevard to Eastern Avenue Project, related to modification and synchronization of traffic signals, in the Cities of Bell Gardens, Commerce, and South Gate and in the unincorporated Community of East Los Angeles, for replacement of luminaires that include photo electric cells and reimbursing contractor for grinding existing pavement and constructing asphalt rubber hot-mix overlay, with an increase in the contract amount of \$9,719, performed by Sully-Miller Contracting Company.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended actions is to obtain approval of the projects from the Board for changes in various public works construction contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and the necessary time extensions are listed in the enclosure for each contract.

The Director of Public Works (Director) or her designee has been authorized by the Board to order changes in work up to \$10,000 for construction contracts. Enclosed for the Board's approval are changes in work in excess of the Director's delegated limits, which are required to complete Project ID Nos. RDC0014409, RDC0014924, SLT0000004, TSM0010049, and TSM0010075.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs the provisions of Operational Effectiveness (Goal 1) and Integrated Services Delivery (Goal 3). Approval of these changes will provide improved infrastructure to better serve the public and enhance the quality of life in the affected communities.

FISCAL IMPACT/FINANCING

These changes in work will have no impact to the County General Fund.

Project ID No. RDC0014409, with an increase in the contract amount of \$12,500, is included in the Fifth Supervisorial District's Road Construction Program in the Fiscal Year 2012-13 Road Fund Budget.

Project ID No. RDC0014924, with an increase in the contract amount of \$13,112.50, is included in the Fifth Supervisorial District's Road Construction Program in the Fiscal Year 2012-13 Road Fund Budget.

Project ID No. SLT0000004, with an increase in the contract amount of \$39,000, is included in the Fiscal Year 2012-13 County Lighting Maintenance District No. 1687 Fund Budget. The County Lighting Maintenance District No. 1687 Fund will be reimbursed with funds from the Avocado Heights Benefit Trust Fund in the Fiscal Year 2012-13 Public Works General Fund Budget up to \$3,500,000.

Project ID Nos. TSM0010049, and TSM0010075 with an increase in the contract amounts of \$66,000, and \$9,719; respectively, are included in the Fiscal Year 2012-13 Proposition C Local Return Fund Budget.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Each of the subject contracts for the construction of public works improvements were awarded by the Board to the apparent responsible contractors with the lowest responsive bids in accordance with the State Public Contract Code, the Board's directives, and as recommended by the Director or her designee.

ENVIRONMENTAL DOCUMENTATION

The changes in work as described above and in the enclosures do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

Each contract provides that the contractor be compensated for the work resulting from changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs are based on contract unit prices, time and materials, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by the Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

CONCLUSION

Please return one adopted copy of this letter to the Department of Public Works, Construction Division.

The Honorable Board of Supervisors

12/4/2012

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Respectfully submitted,

A handwritten signature in cursive script that reads "Gail Farber".

GAIL FARBER

Director

GF:JTS:ma

Enclosures

c: Chief Executive Office (Rita Robinson)
County Counsel
Executive Office
Internal Services Department (Countywide
Contract Compliance)

CHANGE IN WORK (APPROVE)
December 4, 2012

PROJECT ID NO. RDC0014409 – Sierra Highway (in the unincorporated community of Acton), Supervisorial District 5, Contractor: Granite Construction Company.

Project Description:

Reconstruction and widening of roadway pavement and the performance of other appurtenant work.

Change in Work:

Replacement and extension of guardrail	\$12,500.00
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Description of Change:

The Board previously approved a change in work to replace a portion of damaged guardrail and extend the guardrail on the southbound lane of Sierra Highway. The cost of this work will exceed the original estimate by the amount shown. The cost for this work will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

Two additional working days will be required because of this change.

Financial Information:

This project cost will be financed with State Proposition 1B Transportation Bond funds under the Local Streets and Road Improvement, Congestion Relief, and Traffic Safety Account of 2006. Funding for this change in work is included in the Fifth Supervisorial District's Road Construction Program in the Fiscal Year 2012-13 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$2,148,102.00
Changes in work previously approved by the Board	1,094,271.99
Changes in work approved under delegated authority	8,542.92
Change in work to be approved	<u>12,500.00</u>
Revised contract amount	<u>\$3,263,416.91</u>
Percent total change to original contract amount	52%

JZ:ma

CHANGES IN WORK (APPROVE)
December 4, 2012

PROJECT ID NO. RDC0014924 – Guardrail Replacement Project, et al. Phase 2 (in the Angeles National Forest and in the unincorporated community of Soledad), Supervisorial District 5, Contractor: APW Construction, Inc., dba Ace Fence Company.

Project Description:

Replacement of metal beam guardrails and the performance of other appurtenant work.

Changes in Work:

(1) Variations in bid quantities	\$ 2,612.50
(2) Pot holing	1,800.00
(3) Drilling through unforeseen bedrock	4,100.00
(4) Replace guardrail end treatment	<u>4,600.00</u>
Total	<u>\$13,112.50</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based on actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) Utilities not shown on the project plans will need to be located via pot holing so that they can be avoided.

(3) During drilling operations, the contractor encountered bedrock and drilling conditions not shown on the plans. It is necessary to compensate the contractor for using a different equipment to drill through bedrock.

(4) Due to a vehicular collision after the completion of work, one damaged guardrail end treatment will need to be replaced.

A portion of the cost for Item 1 will be based on contract unit prices as provided in Subsection 3-2 of the contract specifications. The balance of the cost for Item 1 and the costs for Items 2, 3, and 4 were negotiated as provided in Subsection 3-2 of the contract specifications.

Ten additional working days will be required because of these changes.

Financial Information:

The project, including this change in work, will be financed with State Proposition 1B Transportation Bond funds under the Local Streets and Road Improvement, Congestion Relief, and Traffic Safety Account of 2006. Funding for these changes in work is included in the Fifth Supervisorial District's Road Construction Program in the Fiscal Year 2012-13 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$342,515.95
Changes in work previously approved by the Board	33,500.00
Changes in work to be approved	<u>13,112.50</u>
Revised contract amount	<u>\$389,128.45</u>
Percent total change to original contract amount	14%

CSM:ma

CHANGES IN WORK (APPROVE)
December 4, 2012

PROJECT ID NO. SLT0000004 – Workman Mill Road (in the City of Industry and in the unincorporated community of Avocado Heights), Supervisorial District 1, Contractor: JFL Electric, Inc.

Project Description:

Installation of electrical conduits for street lights.

Changes in Work:

(1) Remove and replace trench backfill	\$30,000.00
(2) Excavation by open trench	<u>9,000.00</u>
Total	<u>\$39,000.00</u>

Description of Changes:

(1) The conduits installed from the main line to each proposed street light location require inspection by Southern California Edison (SCE). SCE is available for inspection only every other day. On days when inspection does not occur, it is necessary to haul and store backfill material and cover excavated areas with steel plates. It is necessary after inspection the following day to retrieve material to backfill the open areas. This work sequence was not anticipated in the original contract.

(2) It is necessary to install approximately 60 linear feet of conduit in an open trench at the request of SCE rather than by directional boring as proposed by the contractor. An open trench will provide SCE visual confirmation of appropriate clearance to an existing, interfering storm drain and other obstructions along the conduit path within this area. This work was not part of the original contract.

The cost of work for Item 1 will be based on time and materials as provided in Subsection 3-3 of the contract specifications. The cost of work for Item 2 was negotiated as provided in Subsection 3-2 of the contract specifications.

Twenty-two additional calendar days will be required because of these changes.

Financial Information:

Financing for this project, including these changes in work, includes \$240,000 from the City, \$3,500,000 from the Avocado Heights Benefit Trust Fund, and \$1,316,000 from the County Lighting Maintenance District No. 1687 Fund. Funding for the changes in work are included in the Fiscal Year 2012-13 County Lighting Maintenance District No. 1687 Fund Budget. The County Lighting Maintenance District No. 1687 Fund will be reimbursed with funds from the Avocado Heights Benefit Trust Fund in the Fiscal Year 2012-13 Public Works General Fund Budget up to \$3,500,000.

Revised Contract Amount:

Original contract amount	\$363,159.00
Changes in work to be approved	<u>39,000.00</u>
Revised Contract Amount	<u>\$402,159.00</u>
Percent total change to original contract amount	11%

HH:ma

CHANGE IN WORK (APPROVE)
December 4, 2012

PROJECT ID NO. TSM0010049 - San Gabriel Boulevard/Sierra Madre Boulevard, et al., (Cities of Pasadena, San Marino, and Sierra Madre, and in the unincorporated communities of East Pasadena and West Arcadia), Supervisorial District 5, Contractor: California Professional Engineering, Inc.

Project Description:

Modification and synchronization of traffic signals and the performance of other appurtenant work.

Change in Work:

Construction of left-turn phasing \$66,000.00

Description of Change:

In order to meet the intent of this project, it is necessary to construct a left-turn phase at the intersection of San Gabriel Boulevard and Del Mar Boulevard within the project limits. This work is not shown in the original plans. The cost for this work will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

Five additional working days will be required because of this change.

Financial Information:

The project, including this change in work is financed with the Los Angeles County Metropolitan Transportation Authority 2001 Call for Projects, Proposition C Discretionary Grant funds for the San Gabriel Valley Forum, funds from the City of Pasadena, and Proposition C Local Return match funds. On an annual basis, the Board has established a \$2.5 million Top-of-Pot (TOP) allocation from the Proposition C Local Return Fund Budget for the County's Traffic Congestion Management Program. The Proposition C Local Return match funds will be funded from this TOP allocation. Financing for this change in work is included in the Fiscal Year 2012-13 Proposition C Local Return Fund Budget.

Revised Contract Amount:

Original contract amount	\$1,153,700.34
Change in work to be approved	<u>66,000.00</u>
Revised contract amount	<u>\$1,219,700.34</u>
Percent total change to original contract amount	5.7%

AMF:ma

CHANGES IN WORK (APPROVE)
December 4, 2012

PROJECT ID NO. TSM0010075 – Garfield Avenue-Olympic Boulevard to Eastern Avenue Project (in the Cities of Bell Gardens, Commerce, and South Gate, and in the unincorporated community of East Los Angeles), Supervisorial District 1, Contractor: Sully-Miller Contracting Company.

Project Description:

Modification and synchronization of traffic signals and the performance of other appurtenant work.

Changes in Work:

1) Replace luminaires	\$2,193.00
2) Grind pavement and construct asphalt rubber hot mix overlay	
	<u>7,526.00</u>
Total	<u>\$9,719.00</u>

Description of Change:

1. In order to meet the intent of the project, the contractor needs to replace three luminaires with units that include photocells
2. It is necessary to reimburse the contractor for grinding the existing pavement and constructing 2 inches of asphalt rubber hot mix overlay as called out in the plans but not included in the contract bid items.

The costs for these changes will be negotiated as provided in Subsection 3-2 of the contract specifications.

Three additional working days will be required because of these changes.

Financial Information:

The project cost will be financed with Los Angeles County Metropolitan Transportation Authority 2001 Call for Projects, Proposition C Discretionary Grant Funds for the Gateway Cities Forum, and Proposition C Local Return match funds. On an annual basis the Board has established a \$2.5 million top-of-pot (TOP) allocation from the Proposition C Local Return Fund Budget for the County's Traffic Congestion Management Program. The Proposition C Local Return match funds will be funded from

this TOP allocation. This project will be done at no cost to the cities involved. Funding for these changes in work is included in the Fiscal Year 2012-13 Proposition C Local Return Fund Budget.

Revised Contract Amount:

Original contract amount	\$619,975.00
Change in work previously authorized under delegated authority	774.00
Change in work previously authorized by the Board	50,874.40
Changes in work to be authorized	<u>9,719.00</u>
Revised contract amount	<u>\$681,342.40</u>
Percent total change to original contract amount	9.9%

HHH:ma